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ARCHIWUM HYDROTECHNIKI

SOURCE: East European Acession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

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Vol. 10, No. 12, Dec. 1955
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So: East European Accession, Vol. 5, No. 5, May 1956

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POL-8-58-5-2/13

AUTHOR: Bukowski, Jerzy, Professor

TITLE: Conclusion of the Last Will of Czesław Witoszyński on 10th Anniversary of His Death (Wnioski z testamentu Czesława Witoszyńskiego w dziesiątą rocznicę zgonu)

PERIODICAL: Technika Lotnicza, 1958, Nr 5, pp 125-126 (POL)

ABSTRACT: This article gives a brief summary of Professor C. Witoszyński achievements in the field of aviation. It mentions deceased aircraft designers whose designs enabled Poland to take a place among air minded countries. It further urges engineers, designers and aviation friends to further creative work in the aviation field.

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10(0) PHASE I BOOK EXPLOITATION POL/3258

Bukowski, Jerzy

Mechanika płynów (Fluid Mechanics) Warsaw, Państwowe wyd-wa naukowe, 1959. 444 p. Errata slip inserted. 5,200 copies printed.

PURPOSE: This textbook on fluid mechanics is intended for students in higher technical schools.

COVERAGE: This book treats problems in hydraulics and fluid mechanics. Questions in hydrostatics, viscous and non-viscous fluid flow, kinematics, liquid flow in pipes, boundary layer turbulence, etc. are discussed. A chapter on gasdynamics by J. Rościszewski is included. The author thanks W. Kwaśniakowa, Docent W. Prosnak, and Master of Engineering T. Zalewski. There are 12 references: 7 Soviet, 3 German, 1 English, and 1 Polish.

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From the Author

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BUKOWSKI, K.

Distr: 4E2c(j) 1 5

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Critical and exponential assemblies at the Institute of Nuclear Research, Warszawa-Swierk. Nukleonkia 9 no.7/8:539-550 '64

1. Institute of Nuclear Research, Warszawa-Swierk.

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BUKOWSKI, Kazimierz

Antigenic structure of the genus Pasteurella multocida. Zesz probl post nauk roln no.33:27-34 '61.

1. Katedra Mikrobiologii, Wydzial Weterynaryjny, Szkola Glowna Gospodarstwa Wiejskiego, Warszawa
Kierownik: prof. dr. Juliusz Brill

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BUKOWSKI, Kazimierz

Growth requirements of the species Pasteurella multocida.
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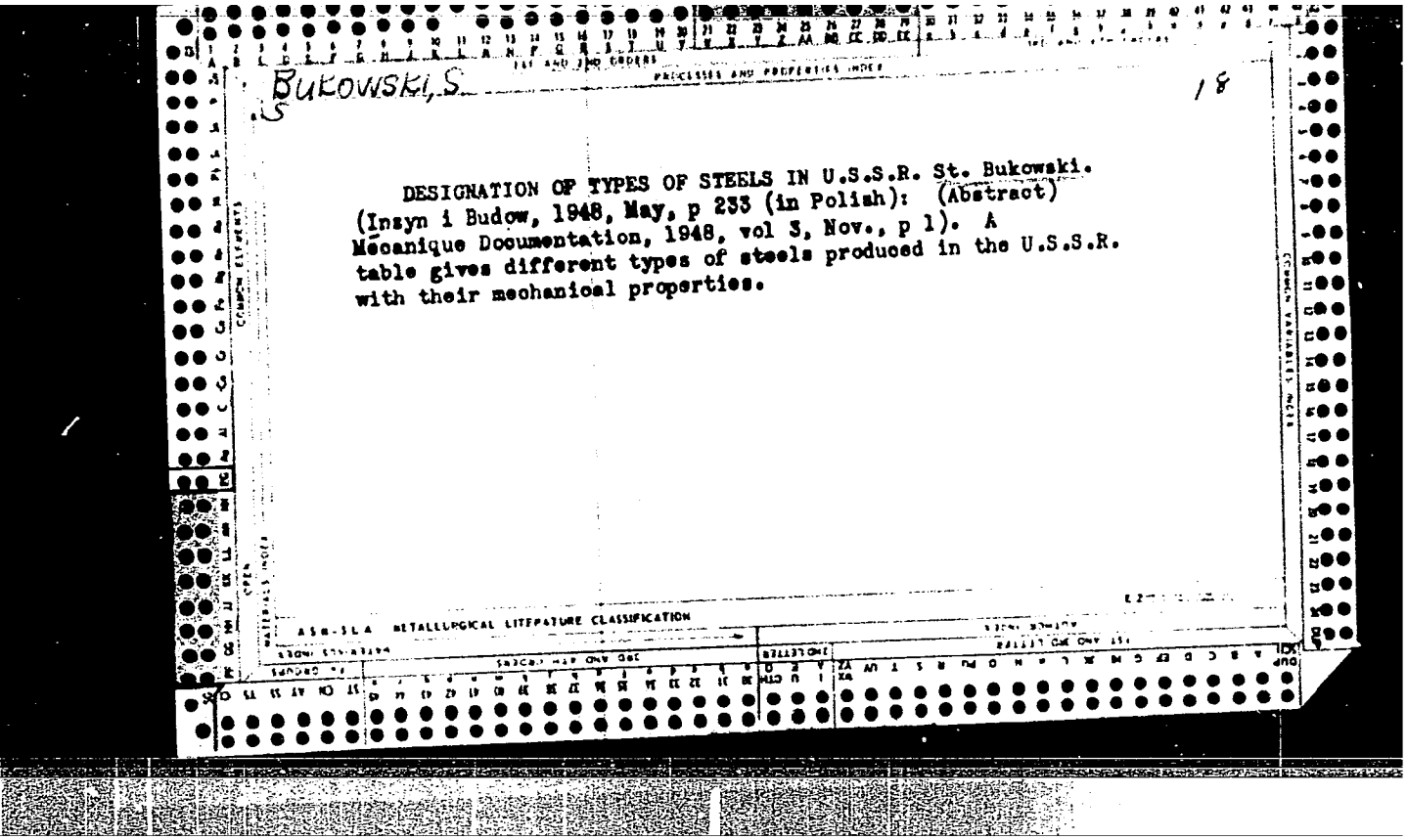

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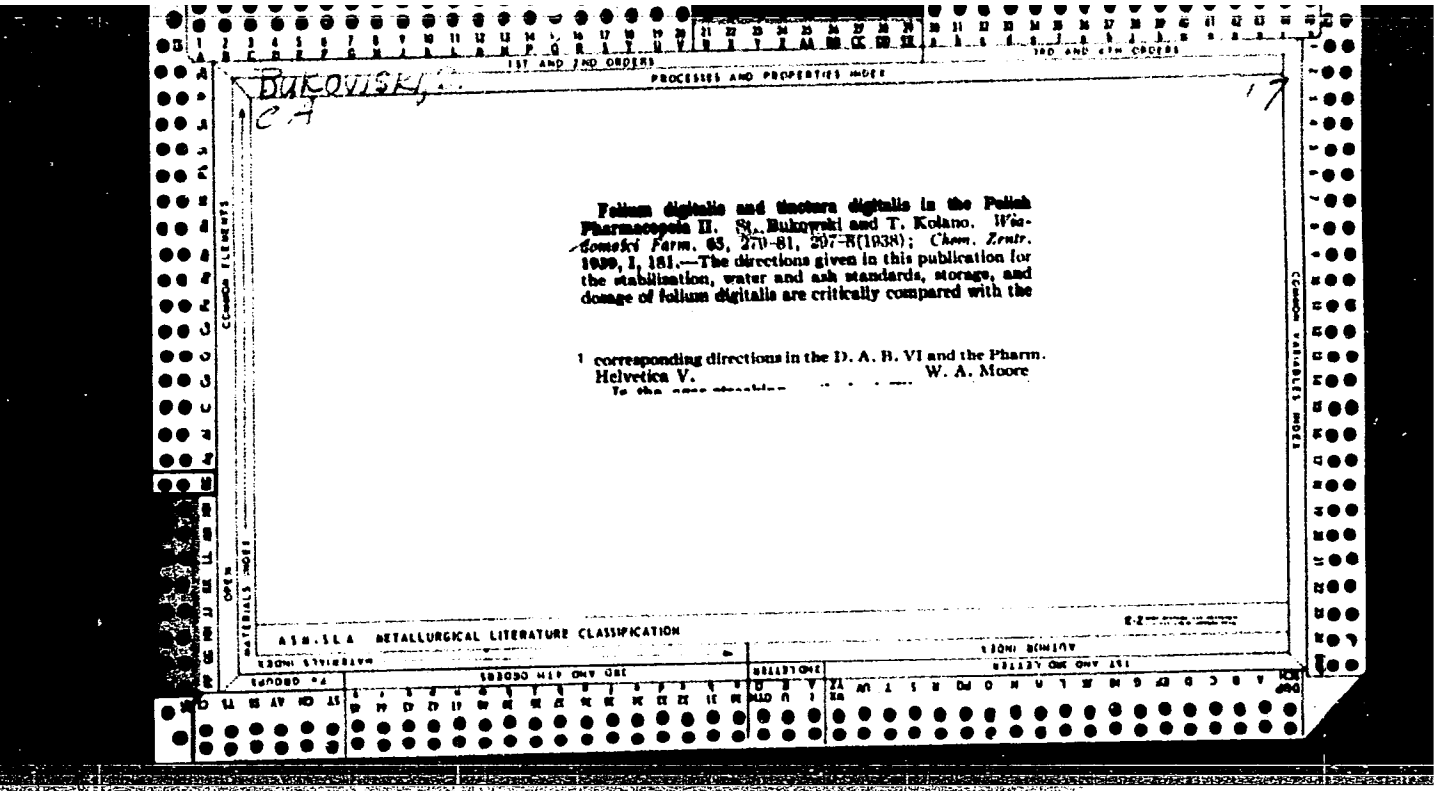

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Side alkaloids of so-called sak. Acta Poloniae pharm. 11 Suppl.: 36 1955.

1. Zaklad Technologii Chemicznej Srodkow Leczniczych A. M. w Warszawie.

(MORPHINE, preparation of,
intermediate prod. sak, isolation of codeine)
(CODEINE, determination,
in intermediate product of morphine synthesis sak)

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BUKOWSKI, S.

POLAND/Chemical Technology. Chemical Products and Their Application, Part 3. - Drugs, Vitamins, Antibiotics. H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71763.

Author : Stanislaw Bukowski.
Inst :
Title : Serial Dosage of Liquids in Drug-Store and Laboratory Practice.

Orig Pub: Farmac. polska, 1956, 12, No 10, 262-265.

Abstract: No abstract.

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BUKOWSKI, Stanislaw

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BUKOWY, Stanislaw

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Rocz geol Krakow 32 no.2:197-209 '62

1. Instytut Geologiczny, Terenowa Stacja Gornoslaska, Sosnowiec.

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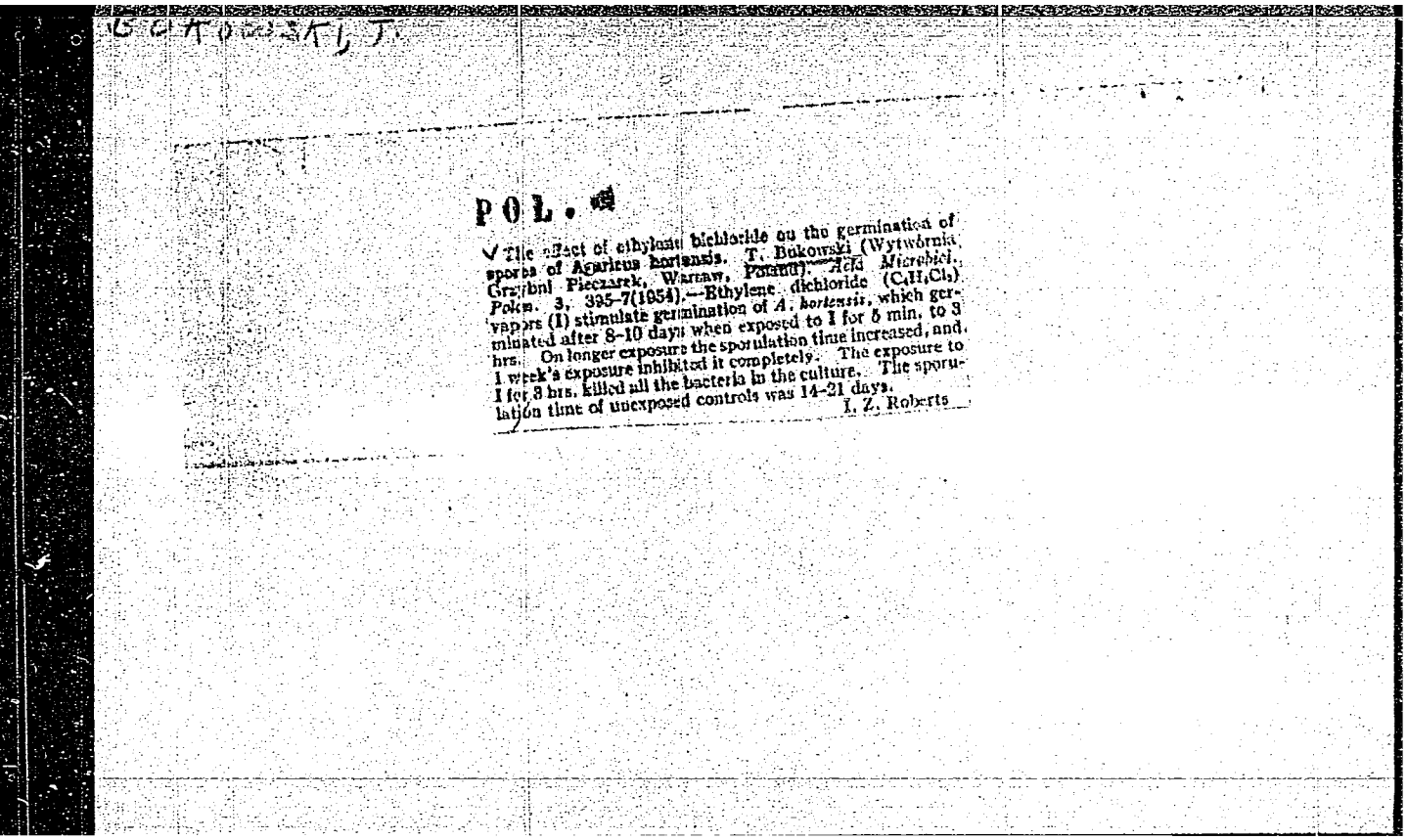

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I. Z. Roberts

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Bukowski, T.

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"Technique of Collecting Spores from Mushrooms for Germination Purposes", P. 399, (ACTA MICROBIOLOGICA POLONICA, Vol. 3, No. 4, 1954, Warsaw, Poland)

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BUKOWSKI, T.; LEVIN, P. [translator]; SAVZDARG, V.E., redaktor; PERESYPKINA, Z.D., tekhnicheskiy redaktor

[Growing mushrooms. Translated from the Polish] Razvedenie shampin'onov. Perevod s pol'skogo P.Levina. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 70 p. (MLRA 10:2)
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COUNTRY	: Hungary	B-5
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 21 1959, No.	73997
AUTHOR	: Fathy, F. and Bukowszky, F.	
INST.	: Not given	
TITLE	: An Elementary Method for the Calculation of Crystal Lattice Energies.	
ORIG. PUB.	: Magyar Fiz Folyoirat, 6, No 5, 453-475 (1958)	
ABSTRACT	: No abstract.	

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BUKOWY, Adam

Optimation of the strategy of digital computers for data processing in defect cases. Automatyka Gliwice no.3:21-49 '63.

1. Department of Control Theories of the Silesian Technical University, Gliwice.

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Program optimalization of digital computers controlling industrial technological processes. Automatyka Gliwice no.4:49-68 '63.

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Sampled data relay control. Automatyka Gliwice no.1:25-32 '61.

1. Zaklad Teorii Regulacji, Politechnika Slaska, Gliwice.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

P/034/62/000/001/003/004
D242/D303

AUTHOR: Bukowy, Adam, Master of Engineering

TITLE: Electrical simulation of heat exchangers

PERIODICAL: Pomiary, Automatyka, Kontrola, no. 1, 1962, 27 - 30

TEXT: An electrical heat exchanger simulator is described. Results are compared from the simulator and the heat exchanger. The author uses equations for the heat exchange as given by V. Takahashi (Ref. 5: Regeltechnische Eigenschaften von Gleich- und Gegenstromwärmeaustauscher. Regelungstechnik, nr. 2, 1953). The simulator was built according to G. Kourim (Ref. 4: Die elektrische Nachbilding der instationaren thermischen Vorgänge beim Wärmeaustauscher. Regelungstechnik, nr. 5, 1957, s. 163 - 167). The simulator was checked on a particular example. Calculations for the simulator are given. The circuits for separators used in the simulator are given in Figs. 7 and 9. Both these separators have a large resistance at the output. There was very good agreement between results as obtained from the simulator and the actual exchanger for the parallel flow. The agreement for cross-flow was satisfactory. In the best

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cases the agreement between results was within several percent; the author therefore thinks that a simulator having between 6 - 10 elements is sufficient. He also found the simulator easy in use. It was designed and made at Katedra automatyki przemysłowej politechniki Śląskiej w Gliwicach (Department of Industrial Automation of the Silesian Polytechnic Institute, Gliwice). The author acknowledges the cooperation of Doctor Z. Trybalski, Head of that Department. There are 16 figures and 5 non-Soviet-bloc references. The references to the English-language publications read as follows: J.M. Mozley, Predicting dynamics of concentric pipe heat exchangers. Industrial and Engineering Chemistry. June 1956, L.C. Vogel, R.F. Kruger, An analogue computer for studying heat transfer during thermal recovery process. Trans. of AIME, v. 204, 1955; A.G. Gaille E.B. Cave, Analogue solution of heat conduction problems. Electrical Engineering (1954) 73, H.3.

ASSOCIATION: Katedra elektroautomatyki przemysłowej politechniki Śląskiej (Department of Industrial Electrical Automation at the Silesian Polytechnic Institute)

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ACCESSION NR: AT4022938 P/2536/63/000/003/0021/0049

AUTHOR: Bukowy, Adam

TITLE: Optimizing the strategy of digital computers for malfunctions

SOURCE: Gliwice. Politechnika Slaska. Zeszyty naukowe, no. 83, 1963. Automatyka (Automation), no. 3, 21-49

TOPIC TAGS: digital computer, digital computer strategy, digital computer strategy optimization, production process control, process control, automatic quality control, diode matrix

ABSTRACT: The chances of suppressing the consequences of a malfunction in the faulted state of a production process are the greater when the location of the malfunction is found the quicker. Article is an attempt to produce such a method for finding the malfunction so that spreading of the effects of this malfunction could be prevented. A programming system in the form of a diode matrix, abbreviating the searching time, is given. This matrix contains 9 lines instead of 15 after the first simplification. This matrix can be

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ACCESSION NR: AT4022938

further simplified by eliminating those diodes which are not absolutely necessary from the point of view of those which are already doubled by other diodes with respect to the numbers introduced to the matrix input. The matrix diagram for a search method is shown in Figure 01 of the Enclosure. "In conclusion, author wishes to thank Professor Doctor S. Wejrzyn for directing this study as well as Mr. Grunberg of the CAE firm for initiating this problem and fruitful discussion." Orig. art. has: 17 figures.

ASSOCIATION: Katedra Teorii Regulacjii (Department of Control Theory)

SUBMITTED: 03Jan63 DATE ACQ: 10Apr64 ENCL: 01

SUB CODE: CG, GE NO REF SOV: 000 OTHER: 000

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

ACCESSION NR: AT4022943 P/2536/63/000/004/0049/0068

AUTHOR: Bukowy, Adam

TITLE: Optimalization of programs for computers controlling industrial production processes

SOURCE: Gliwice. Politechnika Slaska. Zeszyty naukowe, no. 90, 1963. Automatyka (Automation) no. 4, 49-68

TOPIC TAGS: control system, production process control, automatic control system, control scanning frequency, transport algorithm, computer, Shannon sampling, industrial production control

ABSTRACT: The computer controlling a production process scans the cyclical information coming in from the system and work out commands on their basis. The operation of computer in an automatic control system rests upon receipt of data concerning the condition of the system, computing and generating input signals as well as of providing safety measures in the event of a malfunction. Disturbances appearing in the system can create economic losses whose

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ACCESSION NR: AT4022943

reduction or elimination can take place only during the following scanning cycle. Present paper is an attempt to select a scanning frequency which would supply data from appropriately selected points in the system and with which the anticipated economic losses resulting from external disturbances would be at a minimum. The selection of the scanning frequency was based on the so-called transport algorithm. Author expands this method to the problem of minimization of information losses in the case when the throughput of the information channels is insufficient. The block diagram for the optimum search in this case is shown in Figure 01 of the Enclosure. Orig. art. has: 14 figures

ASSOCIATION: Katedra Teorii Regulacji (Department of Control Theory)

SUBMITTED: 00 DATE ACQ: 13Apr64 ENCL: 01

SUB CODE: CG, MM NO REF SOV: 000 OTHER: 000

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

ACCESSION NR: AT4040995 P/2536/64/000/005/0021/0029

AUTHOR: Bukowy, Adam

TITLE: Some limitations in the use of integral forms of the Lyapunov function

SOURCE: Gliwice. Politechnika Slaska. Zeszyty naukowe, no. 102, 1964. Automatyka, no. 5, 21-29

TOPIC TAGS: differential equation, nonlinear differential equation, first order differential equation, second order differential equation, Lyapunov function, Lyapunov integral, nonlinear system stability, system stability, motion stability

ABSTRACT: The stability of electrical systems and control circuits which are described by nonlinear first or second order differential equations can best be analyzed by the Lyapunov theorems. An analysis of the stability of a solution to a nonlinear differential equation of the form

$$x^{(n)} + a_{n-1} x^{(n-1)} + \ldots\ldots + a_2 \ddot{x} + a_1 \dot{x} + a_0 x = 0 \qquad (1)$$

and equilibrium point $x = \dot{x} = \ddot{x} = \ldots\ldots x^{(n-1)} = 0$ where $A_1, A_2, A_3 \ldots\ldots A_{n-1}$ are the functions $x, \dot{x}, \ddot{x} \ldots\ldots x^{(n-1)}$ can be effected through the application of the above-mentioned theorems concerning the stability of motion. Good results

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can be obtained with use of the integral form of the Lyapunov function provided the functional coefficients in the equation are single-valued and unlooped. The author also shows the feasibility of applying integral forms of the Lyapunov function for the case where the coefficients are ambiguous functions. "In conclusion I should like to express my sincere thanks to Prof. Dr. S. Wegrzyn for his encouragement and fruitful discussions during the preparation of this study." Orig. art. has: 5 figures and 8 equations.

ASSOCIATION: Katedra Teorii Regulacji (Department of Control Theory)

SUBMITTED: 16Dec63 ENCL: 00

SUB CODE: IE, MA NO REF SOV: 001 OTHER: 001

Card 2/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKOW, S.

TECHNOLOGY

PERIODICAL: PRZEGLAD GEOGICZNY. Vol. 6, no. 2, Feb. 1958.

BUKOW, S. Remarks on the structure of the southwestern part of the Lublin Basin. p. 62.

Monthly List of East European Accessions (EEAI) LC Vol. 7, no. 4
April 1959, Unclass.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKOWY, Stanislaw

New data concerning the Upper Carboniferous near Krakow. Przegl geol 8 no.10:537-538 O '60. (EEAI 10:9)

(Poland--Geology)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKOWY, Stanislaw

Notes on the origin of iron contained in Dogger of the Silesia-Krakow anticlinorium. Kwartalnik geol 5 no.1:101-107 '61.

1. Gornoslaska Stacja Terenowa Instytutu Geologicznego w Warszawie.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKOWY, Stanislaw

Notes on the mineralization of Paleozoic rocks in the neighborhood of Krakow. Kwartalnik geol 5 no.2:338-344 '61.

1. Gornoslaska Stacja Instytutu Geologicznego.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKOWY, Stanislaw

POLAND

BUKOWY, Stanislaw; CEBULAK, Stefan

Upper Silesian Field Station, Geological Institute (Gornoslaska Stacja Terenow Instytutu Geologicznego)(both)

Warsaw, Kwartalnik Geologiczny, No 3, 1963, pp 535-36.

"Problem of the Age of Magmatism of the Silesio-Crakowian Antyklinorium".

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKOWY, S.; CEBULAK, S.; SLOSARZ, J.

Possibilities of polymetallic deposits occurring in the northwestern border region of the Upper Silesian Coal Basin. Przegl geol 11 no.5:226-228 My '63.

1. Gornoslaska Stacja Terenowa, Instytut Geologiczny, Sosnowiec.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

POLAND

BOJKOWSKI, Karol; BUKOWY, Stanislaw

Upper Silesian Section, Geological Institute (Oddzial Gornoslaski, Instytut Geologiczny), Sosnowiec (for both)

Warsaw, Acta geologica polonica, No 2, Apr-Jun 1966, pages 201-228

"Facial zones of the Lower Carboniferous in the Silesian-Cracovian anticlinorium."

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

SAYDAKOV, V.A., inzh.; BUKRABA, M.S., inzh.

Hot forging in small-lot production. Mashinostroenie no.3:35-37 My-Je '62. (MIRA 15:7)

1. Proyektnyy konstruktorsko-tekhnologicheskiy institut Kiyevskogo sovnarkhoza.

(Forging)

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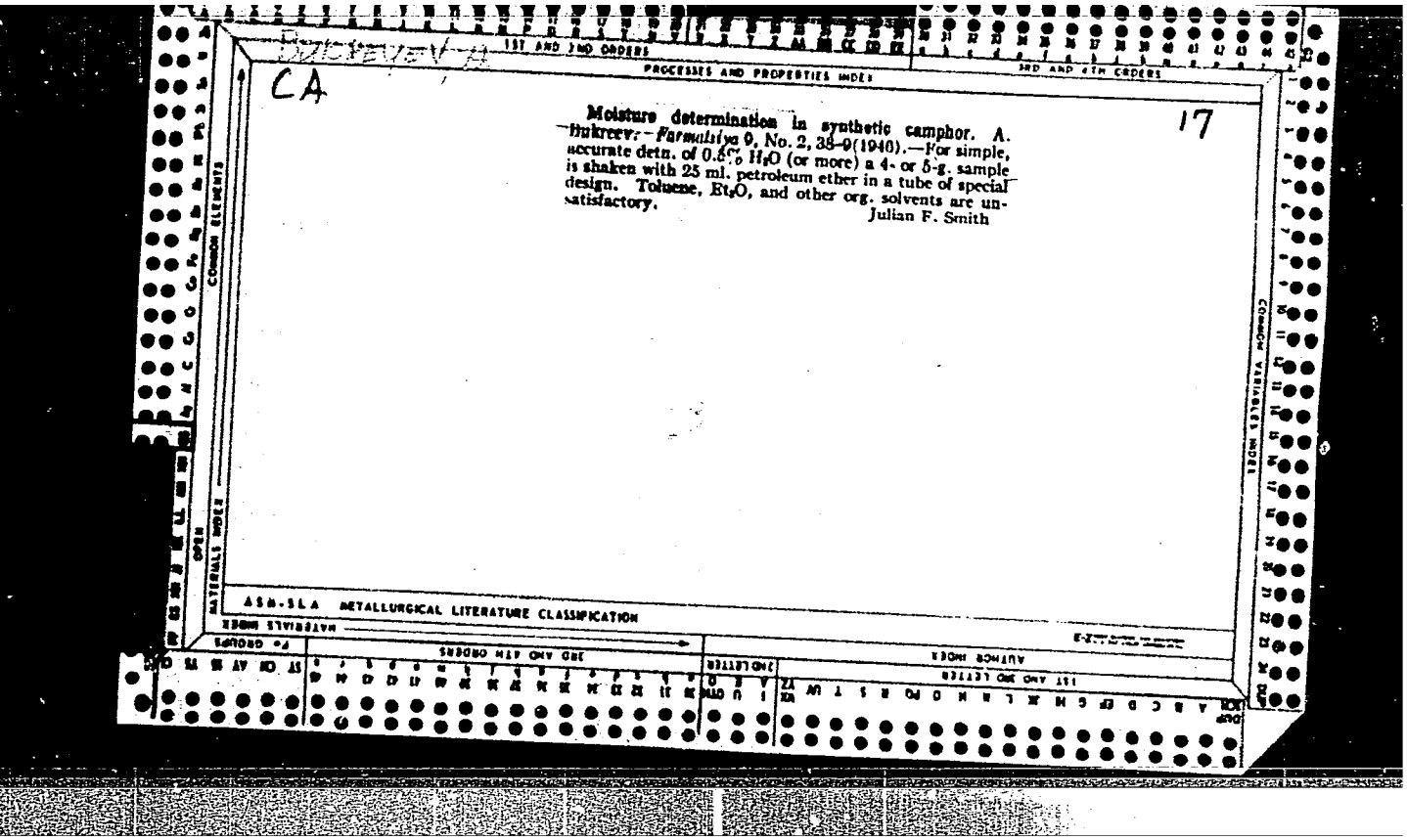

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKREYEV, A. I.

PA 13/49T15

USSR/Chemistry - Phytin Feb 48
Chemistry - Chemical Industry

"Decreasing the Expenditure of Acid and Soda in Phytin Production," A. I. Bukreyev, Experimental Lab, Kursk Phar Works, 2½ pp

"Med Prom SSSR" No 2

Describes improved method of manufacturing phytin. Bukreyev's factory will save about 10 tons of 100% sulfuric acid and 20 tons of calcined soda during 1948.

13/49T15

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKREYEV, A. I.

Rapid method of determining the total quantity of alkali metal oxides in glass. Stek. i ker. 20 no.3:32-35 Mr '63.
(MIRA 16:4)

(Metallic oxides) (Glass—Analysis)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKHAYEV, A.T.

Syphilis of the thyroid gland. Izv.AN Kazakh.SSR Ser.khir. no.1: 192-193 '47. (MLRA 9:8)

1. Propedevticheskaya khirurgicheskaya klinika Kazakhskogo Gsoudarstvennogo meditsinskogo instituta imeni V.M.Molotova.
(THYROID GLAND—SYPHILIS)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

KUZ'MINOV, Grigoriy Petrovich, dots., kand. tekhn. nauk; BEL'SKIY, I.R., prof., kand. tekhn.nauk, retsenzent; BUKREYEV, B.A., retsenzent; ROBIN, V.A., dots., kand. tekhn. nauk, retsenzent; SHULESHOV, V.F., dots., kand. tekhn. nauk, retsenzent; YAKOVLEV, N.A., retsenzent; BEZGODOVA, L.V., red.; URITSKAYA, A.D., tekhn. red.

[Thermal electric power plants in the lumbering industry] Teplosilovye ustanovki lesnoi promyshlennosti; uchebnoe posobie dlia studentov vsekh fakul'tetov. Leningrad, Vses. zaochnyi lesotekhn. in-t, 1962. 198 p. (MIRA 16:8)

1. Glavnyy spetsialist otdela energetiki GLT (for Bukreyev).
2. Nachal'nik otdela energetiki Gosudarstvennogo instituta po proyektirovaniyu lesnogo transporta (for Yakovlev).
(Electric power plants)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

L 45518-66 T-2/EWP(f) WW

ACC NR: AP6016917 (A) SOURCE CODE: UR/0104/66/000/002/0005/0008

AUTHOR: Bukreyev, B. A. (Engineer); Tandler, M. M. (Engineer); Yakovlev, N. A. (Engineer); Uvarov, S. N. (Candidate of technical sciences); Uspenskiy, A. N. (Candidate of technical sciences) 56

ORG: none B

TITLE: Electric generating stations with AI-20 gas turbines 21

SOURCE: Elektricheskiye stantsii, no. 2, 1966, 5-8

TOPIC TAGS: gas turbine, turboprop engine, electric power plant, power generating station/AI-20 gas turbine

ABSTRACT: In 1964, plans and blueprints were developed by the Giprolestrans Planning Institute of stationary, quick-assembled, and transportable AI-20 turboprop-engine-driven electric power plants. Such a 50-cps, 6.3-kv plant is to have a capacity of 1250, 1600, 2000, or 4000 kw. Sketches of the stationary and transportable plants are shown. Estimates show that such a plant will be economical if it is operated as a peak-load station, up to 3000—4000 hrs per year, and particularly if it uses a partly worn-out airplane engine. Orig. art. has: 4 figures and 1 table.

SUB CODE: 10, 09 // SUBM DATE: none / ORIG REF: 003

Card 1/1 UDC: 621.311.23

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BUKREYEV, BORIS YAKOVLEVICH DECEASED

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PHYSIO/MATHENMATICS

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8/194/62/000/007/021/160
D222/D309

9.7100

AUTHOR: Bukreyev, I.N.

TITLE: On the construction of high-speed control computers

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 7, 1962, abstract 7-1-105 l. (In collection: Primeneniye vychisl. tekhn. dlya avtomatiz. proiz-va, M., Mashgiz, 1961, 419 - 426)

TEXT: It is pointed out that control functions can be fulfilled by two types of digital computers - digital differential analyzers and arithmetical control computers. The first type is simpler in construction and has a high operating speed; the second type of computer has great flexibility and is of a general-purpose nature. General considerations are given on the matching of the frequency characteristics of a system with the pass-band of the computer both for the control of a single or several objects. Even in the case of controlling a single object the operating speed must reach tens and hundreds of thousands of operations per second. According to the principle used for carry-over from the less significant digits to

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the most significant ones adders can be tentatively divided into classes: adders in which addition of binary numbers is done in parallel for all digits, taking into account the carry-over from the previous digit for each position (in order to speed up the carry-over these circuits use lines for through carry propagation, which are composed of chains of series connected diodes); adders, in which the carries are determined in advance and sorted in a register for a subsequent adding in two phases; adders, in which special logical circuits determine the total carry-over from a group of digits; adders, in which the probability properties of the carry propagation sequence are utilized. A method of adding binary numbrrs devised in the fiziko-kibernetich. otdel' Instituta fiziki AN GSSR (Physical and Cybernetical Department of the Physics Institute of the AS GSSR) is described. In this method the mantissae of the numbers to be added are divided, including the overflow digits (a_n, b_n), into strictly alternating groups of the first and second kind, and these groups are formed during the successive inspection of identical digits beginning from the least significant one. A group of the first kind always ends with digits from the first met combinations of numbers $a_i = 1$, $b_i = 1$; and a group of the second

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kind ends with a combination $a_i = 0$, $b_i = 0$. Simple rules for the addition of groups of the first and second kinds are given. Here there is no need to follow any sequence in the addition of the various digits. The logical circuit of the adder and of a circuit controlling the output of results are given and described. 2 figures. [Abstracter's note: Complete translation.]

Card 3/3

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

CHAVCHANIDZE, V.V.; BUKREYEV, I.N.; MIKELADZE, Z.N.; KUMSISHVILI, V.A.

A new method for adding and subtracting binary digits by high-speed digital computers. Trudy Inst.fiz.AN Gruz.SSR 8:313-321 '62. (MIRA 16:2)
(Electronic digital computers)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

S/119/63/000/002/004/014
A004/A127

AUTHORS: Bukreyev, I.N., Manukyan, Yu.S., Elizbarashvili, O.A.

TITLE: Slave sweep of high-speed oscillograph

PERIODICAL: Priborostroyeniye, no. 2, 1963, 9 - 11

TEXT: An analysis of the existent sweep generator circuits reveals that circuits with vacuum-electron tubes possess the highest triggering stability and relatively low lag times in comparison with circuits fitted with thyratrons. One of the circuits ensuring a stable synchronization at high repetition rates of the pulses to be investigated is the h-f high-speed slave sweep operating from every pulse at a repetition rate of up to 3 Mc. The authors present the block diagram of a high speed oscillograph slave sweep and a detailed description of a "saw-type" triggering oscillator. The analyzed circuit can be used both under the "slave" and "self-oscillating" condition. The change-over of the circuit from the "slave" condition to the "self-oscillating" condition and vice versa is performed by changing the cathode potentials of the $Л_2$ (L_2) and $Л_5$ (L_5) tubes. There are 4 figures and 1 table.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKREYEV, N. V., and Miroshmichenko, K. T.

"Presence of Glutathione in Healthy Sheep and Its Change During Experimental Brucellosis"
Tr. In-ta Veterinarii Kazakh. Fil. VASKhNIL, No 6, 1954, 37-42

Author studied the pathogenesis of brucellosis and carried out biochemical investigations of the blood of healthy and diseased sheep with respect to gluthathione and its fractions. An increase of the amount of oxidized glutathione was observed in sheep with experimental brucellosis. (RZhBiol, No 9, May 1955)

SO: Sum-No 787, 12 Jan 56

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKREYEV, N.V.

✓The content of glutathione in healthy sheep and its changes in experimental brucellosis. N. V. Bukreev and K. T. Miroshnichenko. *Trudy Inst. Vet. Kazakh. Filiala Vsesoyuz. Akad. Sel'skokhoz. Nauk im. V. I. Lenina* 6, 37–42 (1947–1952); *Referat. Zhur. Khim., Biol. Khim.* 1955, No. 17377.—Detns. were made for total, oxidized, and reduced glutathione (I) in the blood of healthy sheep and in sheep having exptl. brucellosis (method of Woodward and Fry, *C.A.* 26, 5599). Considerable variations were noted in the content of various fractions of I in normal and sick animals. On the basis of av. values it was concluded that introduction of live *Brucella* into the organism causes an increase in the content of oxidized I in the blood; the introduction of antireticular serum into the infected animals considerably lowered the content of oxidized I in the blood. B. S. L.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUCHNEV, Kirill Nikolayevich; RED'KO, Andrey Semenovich; BUKREYEV, Nikolay Vasil'yevich; NAZARENKO, L., red.; NAGIBIN, P., tekhn. red.

[Rabies of farm animals and its control] Beshenstvo sel'skokhoziaistvennykh zhivotnykh i mery bor'by s nim. Alma-Ata, Kazsel'khozgiz, 1962. 49 p. (MIRA 17:2)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

MIKHALCHENKOV, M.; BUKREYEV, P.

Plans for collective farm repair shops. Sel'. stroi. 13 no.6:22-24 Je. '58. (MIRA 11:6)

1.Direktor instituta "Rosgiprosel'stroy" Ministerstva sel'skogo khozyaystva RSFSR (for Mikhalchenkov). 2. Nachal'nik tekhnicheskogo otdela instituta "Rosgiprosel'stroy" Ministerstva sel'skogo khozyaystva RSFSR (for Bukreyev).
(Agricultural machinery--Maintenance and repair)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKRIEV, P. Aleksandrovich.

(Water-proofing and draining of defense and non-defense installations) Moskva, Gos. izd-vo stroit. lit-ry, 1943. 123 p. (49-57902)

TA901.B8

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKRE[redacted]EV, P[redacted] Aleksandrovich.

(Prefabricated metal and wooden warehouses) Moskva, izd-vo Akademii arkhitektury SSSr, 1944. 110 p. (50-43083)

TH1098.B85

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

MIKHALCHENKOV, M.; GANZHA, V.; BUKREYEV, P.

Republic State Institute for the Planning of Agricultural Construction works for rural builders. Sel'. stroi. 15 no. 3:27-28 Mr '61. (MIRA 14:5)

1. Direktor instituta "Rosgiprosel'khozstroy" (for Mikhalchenkov).
2. Glavnyy inzh. instituta "Rosgiprosel'khozstroy" (for Ganzha).
3. Nachal'nik tekhnicheskogo otdela instituta "Rosgiprosel'khozstroy" (for Bukreyev).
(Construction industry)

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BUKREYEV, P., inzh.; RASKOPIN, G., arkhitektor; GOL'DENBERG, arkhitektor

Village buildings for cultural and service purposes. Zhil. stroi. no.6:24-26 '62. (MIRA 15:7)
(Public buildings)

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MIKHALCHENKOV, M.; BUKREYEV, P.

What is the Russian Institute for the Design and Planning of Rural Construction working on. Sel'. stroi. 13 no.10:30 O '58. (MIRA 11:10)

1. Direktor instituta "Rosgiprosel'stroy (for Mikhalchenkov).
2. Nachal'nik tekhnicheskogo otdela instituta "Rosgiprosel'stroy" (for Bukreyev).

(Farm buildings)

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MIKHALCHENKOV, M.; BUKREYEV, P.; AKSEL'ROD, A., kand. arkhitektury

Results of the open competition for farmhouse designs. Sel'.stroi. 13 no.2:19-21 F '59. (MIRA 12:3)

1. Direktor instituta "Rosgiprosel'stroy" (for Mikhalchenkov). 2. Nachal'nik tekhnicheskogo otdela instituta "Rosgiprosel'stroy" (for Bukreyev).

(Farmhouses)
(Architecture--Designs and plans--Competitions)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKREYEV, P.

Yards for making precast reinforced concrete. Sel'. stroi. 14 no.7: 22-24 Jl '59. (MIRA 12:10)

1. Nachal'nik tekhnicheskogo otdela "Rosgiprosel'stroya" Ministerstva sel'skogo khozyaystva RSFSR.
(Precast concrete)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKREYEV, P., inzh.; BRYKIN, V., arkhitektor; RASKOPIN, G., arkhitektor

Standard plans for construction in rural areas of the Russian Federation. Zhil.stroi. no.1:6 Ja '60. (MIRA 13:5)
(Architecture, Domestic--Designs and plans)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKREYEV, P.

Buildings serving cultural and public needs for rural construction. Sel'.stroi. 15 no.6:27-29 Je '60. (MIRA 13:8)

1. Nachal'nik tekhnicheskogo otdela instituta "Rosgiprosel'stroy" Ministerstva sel'skogo khozyaystva RSFSR.
(Architecture--Designs and plans)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

MIKHALCHENKOV, M.; BUKREYEV, P.

Contributions of the State Institute for the Planning of Rural Construction of the R.S.F.S.R. to rural builders. Sel'. stroi. 15 no.3:27 Mr '60. (MIRA 16:2)

1. Direktor instituta Rosgiprosel'stroy (for Mikhalchenkov).
2. Nachal'nik tekhnicheskogo otdela Instituta Rosgiprosel'stroy (for Bukreyev).

(Farm buildings)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

MIKHALCHENKOV, M.; BUKREYEV, P.; AYZENBERG, G.

Cow barn with a span of 18 m. without interior columns.
Sel'. stroi. 18 no.5:26-27 My '63. (MIRA 16:6)

1. Direktor instituta Rosgiprosel'khozstroy (for Mikhalchenkov).
2. Nachal'nik tekhnicheskogo otdela instituta Rosgiprosel'-khozstroy (for Bukreyev). 3. Institut Rosgiprosel'khozstroy (for Ayzenberg).
(Dairy barns—Design and construction)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

ACCESSION NR: AR4020785 S/0271/64/000/002/B044/B045

SOURCE: RZh. Avtomat., telemekh. i vy*chislitel. tekhnika, Abs. 2B281

AUTHOR: Bukreyev, I. N.; Chavchanidze, V. V.; Manukyan, Yu. S.; Sergeyenko, N. D.

TITLE: Circuit for distinguishing numbers in modulus in high speed electronic accumulators

CITED SOURCE: Tr. In-ta kibernetiki, AN GruzSSR, v. 1, 1963, 105-110

TOPIC TAGS: absolute comparator, accumulator, high-speed accumulator, absolute value comparison, computer, comparator circuit absolute value

TRANSLATION: A device is described for comparing the absolute values of two numbers A and B without subtraction operations or analysis of the result. The operation of the differentiator is based on a known method of comparing the absolute values when positional notation is used for the numbers. The method is roughly stated thus: the number whose left-hand digit is the top digit has the greater modulus. In the binary system the algorithm for comparing

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ACCESSION NR: AR4020785

the absolute values of two numbers A and B appears as follows: the identical bits of the numbers A and B are scanned sequentially beginning with the left-hand digit until the bits having different digits are found (10 or 01); the number having 1 in the indicated bit has the greater absolute value. The schematic diagram for realizing this principle is given (see enclosure). Four AND circuits in each bit are controlled by input triggers of the registers containing the numbers A and B. They determine the binary digit combinations 11, 00, 10, and 01. Signals from the AND circuits travel over two paths. When /A/</B/ a signal appears at the output of the first path; when /A/>/B/ at that of the second. When neither of these signals is present, it means that /A/=/B/. Use of this number comparison method in accumulators makes it possible to add algebraically without having to convert the numbers into an auxiliary or inverse code. Orig. art. has 2 figs., 1 table, and 5 refs. G. K.

DATE ACQ: 03Mar64 SUB CODE: AI ENCL: 01

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ACCESSION NR: AR4020789 S/0271/64/000/002/B054/B054

SOURCE: RZh. Avtomat., telemekh. i vy*chislitel. tekhnika, Abs. 2B338

AUTHOR: Bukreyev, I. N.; Manukyan, Yu. S.; Ayazyan, A. A.; Kapilevich, I. B.

TITLE: Certain applications of UHF diode multiplexers in arithmetic units of discrete computers

CITED SOURCE: Tr. In-ta kibernetiki. AN GruzSSR, v. 1, 1963, 111-116

TOPIC TAGS: diode multiplexer, UHF diode multiplexer, discrete computer, arithmetic unit, waveguide commutator, carry circuit, successive carry circuit

TRANSLATION: A method is described for accelerating the operation of an arithmetic unit by using a waveguide commutator in the successive carry circuit. To fit this method into a computer, the parallel and series elements and circuits of the logic must be structurally distinct. Examples are given of the accumulator built on this principle, as well as of the waveguide unit using a D403V diode. Orig. art. has 4 refs. S. P.

DATE ACQ: 03Mar64 SUB CODE: SD, CP ENCL: 00

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ZHUCHIN, D.I., inzh.; BESSARABENKO, A.I., inzh.; NEFEDOV, S.F., red.; BUKREYEV, P.A., inzh., nauchnyy red.; GORDEYEV, P.A., red. izd-va; MOCHALINA, Z.S., tekhn. red.

[Raising the technical level of rural construction] Industrializatsiia sel'skogo stroitel'stva. Pod red. S.F.Nefedova. Moskva, Gosstroiizdat, 1962. 125 p. (MIRA 15:10)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-issledovatel'skiy institut sel'skikh zdaniy i sooruzheniy. 2. Rukovoditel' sektorom ekonomiki i organizatsii stroitel'stva Nauchno-issledovatel'skogo instituta sel'skikh zdaniy i sooruzheniy (for Zhuchin).

(Construction industry)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKREYEV, P.I.

BUKREYEV, P.I.; GUPPER, N.Z.

Beet unloader and piler designed by the Ukrainian Institute for Designing and Planning in the Sugar Industry. Sakh. prom. 31 no.10:50-51 O '57. (MIRA 11:1)

1. Kalinovskiy remontno-mekhanicheskiy zavod.
(Sugar industry--Equipment and supplies)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKREYEV, V.I., inzh.; VASIL'YEV, O.F., doktor tekhn.nauk; GLADYSHEV, M.T.

Graphoanalytic calculation of pressure in a hydraulic system with an accumulator supply. Vest.mashinostr. 42 no.8:30-33 Ag '62. (MIRA 15:8)

(Hydraulic machinery)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000307410020-4

BUKREYEV, V. Z.

PHASE I BOOK EXPLOITATION SOV/5897

Sakharov, G. I., V. V. Andreyeviskiy, and V. Z. Bukreyev

Nagrev tel pri dvizhenii s bol'shimi sverkhzvukovymi skorostyami (Heating of Bodies at High Supersonic Speeds) Moscow, Oborongiz, 1961. 105 p. Errata slip inserted. 4800 copies printed.

Sponsoring Agency: Ministerstvo vysshego i srednego spetsial'-nogo obrazovaniya RSFSR.

Ed.: K. Ya. Zaytseva, Engineer; Ed. of Publishing House: N. G. Kopylova; Tech. Ed.: A. Ya Novik; Managing Ed.: A. S. Zaymovskaya, Engineer.

PURPOSE: This book is intended for senior aeronautical students and may also be used by aeronautical design engineers.

COVERAGE: The authors have attempted to assemble the scattered material on the aerodynamic heating of aircraft surfaces and

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to present it in an intelligible form. A method is presented for calculating heat flows from the atmosphere to aircraft surfaces and from these surfaces back to the atmosphere. This method makes it possible to calculate the surface temperature for steady motion and to calculate the temperature of a high-specific-heat skin, on the basis of its thermal characteristics, for unsteady motion (takeoff, descent, acceleration). Certain problems connected with the effect of high temperatures on aircraft structures are discussed, and a brief review is given of the most important methods of surface protection against aerodynamic heating. A large number of graphs and tables are presented to aid in reducing mechanical calculations to a minimum. The proposed method for calculating thermal flows is applicable for altitudes up to 80 - 100 km and for speeds corresponding to Mach numbers from 2 to 15-20, with corrections for dissociation in the continuous-flow region. Calculations made by methods discussed in this book are in good agreement with calculations made by more exact methods such as the Van Driest method for the flat plate as well as for more complex

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